



TurboNest® 2015

Version 11.0

What's New

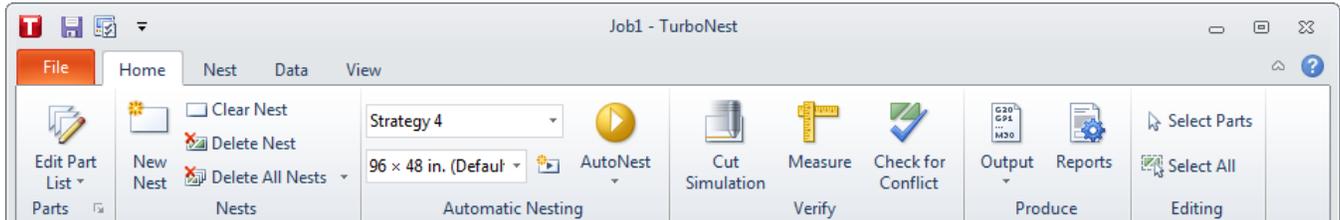
Released April 2014

New Features and Enhancements

The following enhancements are available in the TurboNest 11.0 release:

Ribbon

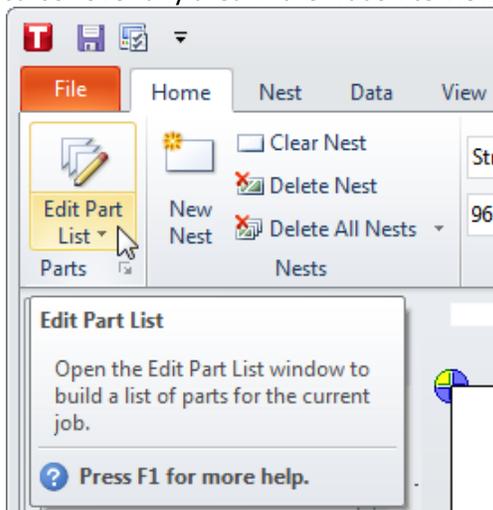
TurboNest 2015 includes several major changes to the look and feel of the software. The menus and toolbars at the top of the main window have been replaced with a new ribbon interface.



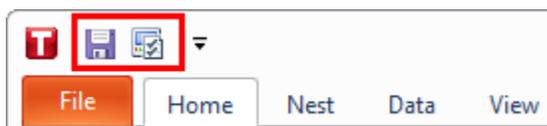
The idea behind this change is to make TurboNest easier to use by getting rid of the small and numerous toolbar buttons and combining the menu items and toolbar buttons into a single streamlined control. The ribbon is designed to help you quickly find the TurboNest commands that you need by including bigger, more visible controls with text labels that are organized in logical groups.

Benefits include:

- Simplified access making TurboNest features easier to find.
- Mode-sensitive ribbon that shows only relevant controls. For instance, when a part is selected, only applicable controls are displayed in the ribbon, while disabled items are hidden from view.
- Each control in the ribbon has hint text containing a short description of the item. Simply hover the cursor over any area in the ribbon to view a description of that feature.

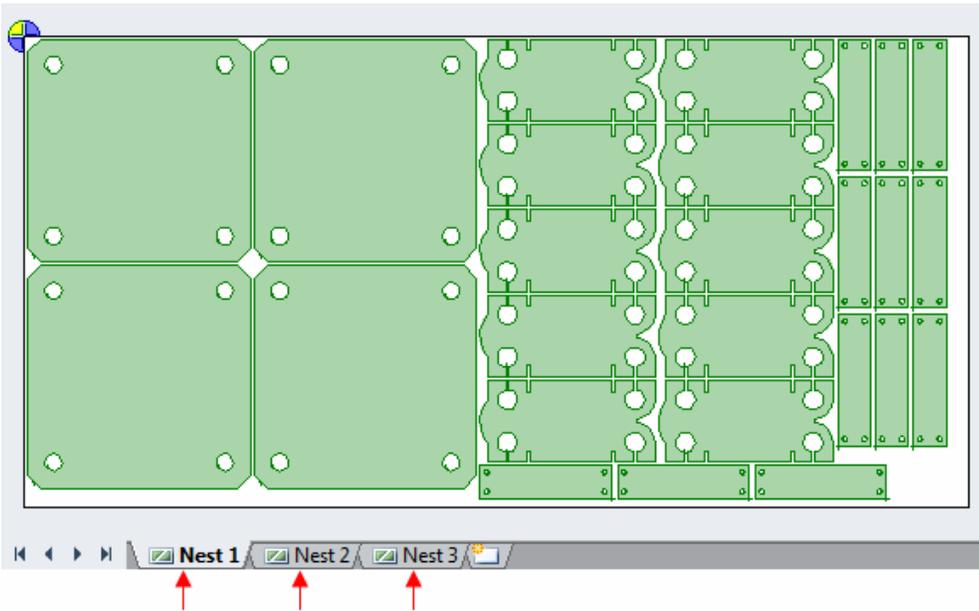


- A Quick Access toolbar at the top of the main window contains commonly used items that can be accessed with a single click. This toolbar can be customized to include any controls that you want.



Nest Tabs

In the main window, each nest now has its own tab which displays nest name.

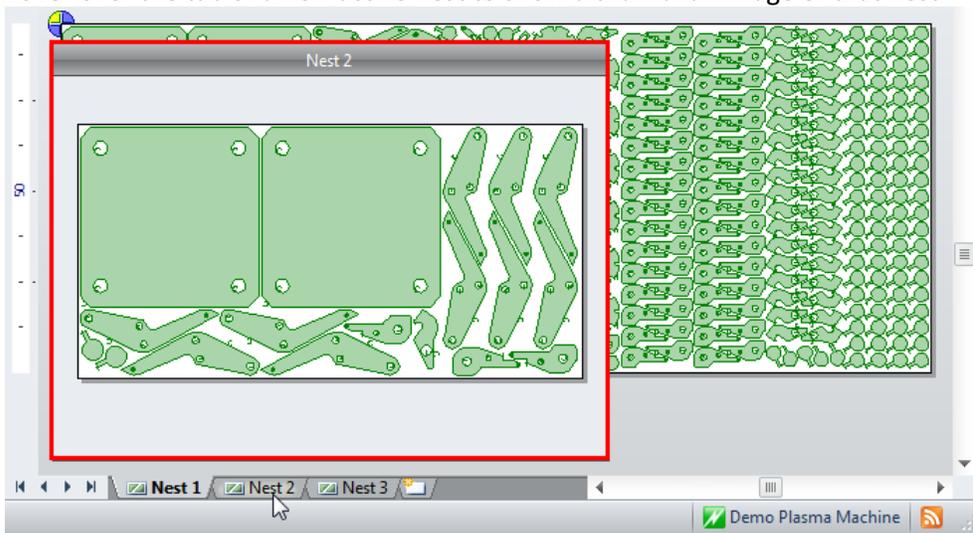


Using tabs, you can:

- Easily navigate the nests in the job.
- Reorder nests by clicking and dragging tabs to the desired location. For instance, if you want to move a nest that is currently nest 3 of 3 so that it is nest 2 of 3, simply drag the nest tab to the desired position.



- Insert a new nest before or after any existing nest in the job.
- Hover over the tab of a non-active nest to show a thumbnail image of that nest.



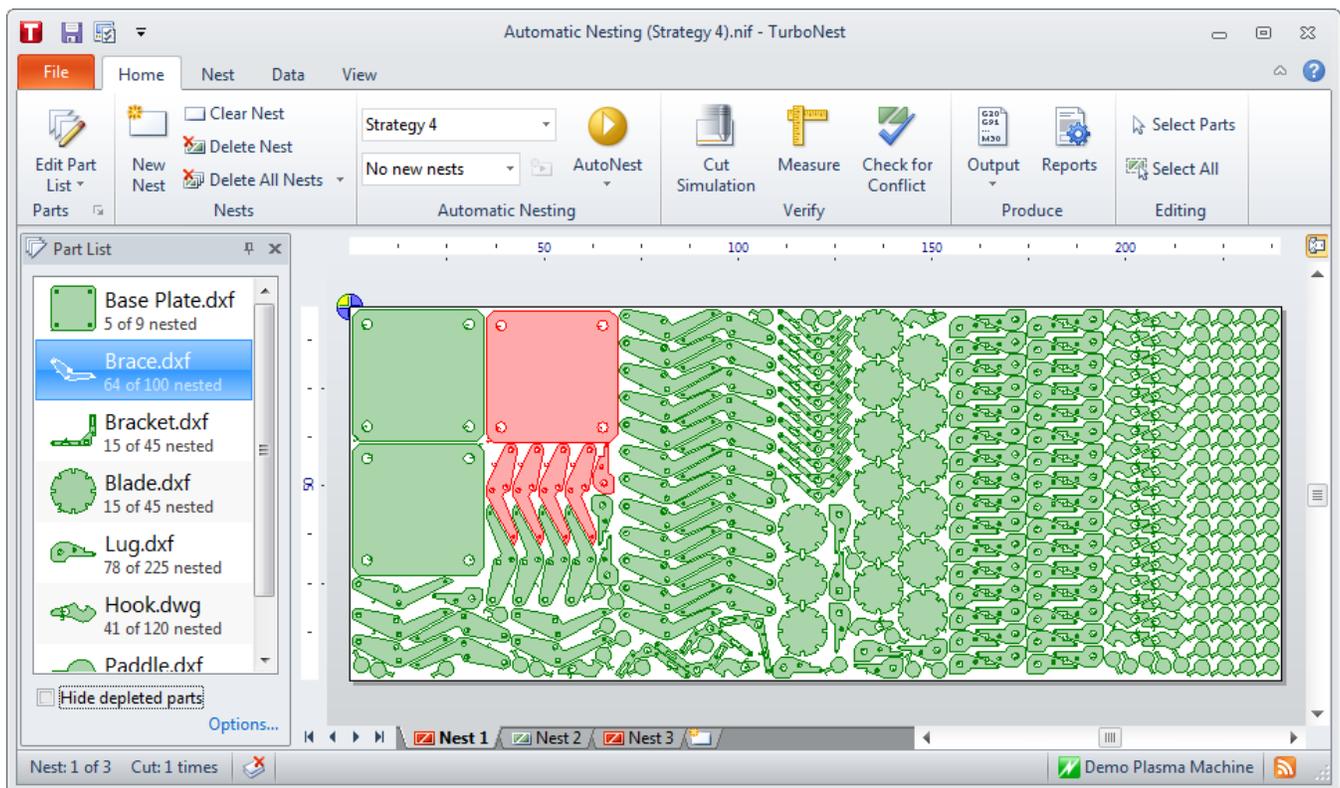
DXF Export for Parts and Nests

Parts or single nests can now be exported directly to DXF file, without installing a special DXF Polyline setup or changing machines. DXF Export settings can be configured to include polylines or line/arc entities, plate geometry, leads, and more. For each process supported by your TurboNest machine, you can specify a corresponding CAD layer name and color that will be created in the CAD file when a part or nest is exported.

Multiple parts can be exported to individual DXF files at the same time.

Check for Conflicts

A new control enables you to check the nests in your job for conflicts. You can repeatedly click the Check for Conflicts button to cycle through all the conflicts that are found.



If a nest has a conflict, it will be indicated both on the nest's tab () as well as in the status bar ().

Job Templates

Use any existing job as a template for a new job. If you commonly use old jobs as a starting point when creating a new job, this is a useful feature that simplifies this process.

Job templates will use the settings configuration as well as existing parts and plates from the old job, but as if output has not yet been created.

Recent Jobs

In the backstage view of the new ribbon interface (on the File tab), a Recent jobs page has been added. This page contains an expanded list of recent TurboNest jobs, as well as recent folder paths for job files.

You can pin or unpin any number of recent jobs in the list.

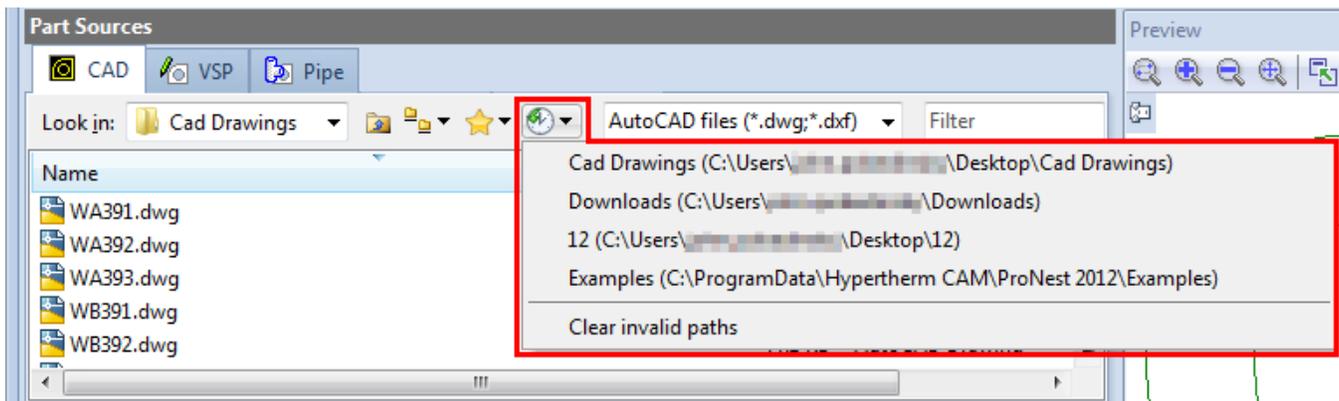
Clear Nest

You can now remove all parts from a nest while leaving the blank plate behind as an empty nest. The empty nest will remain in the main window for future nesting.

If the nest is using a plate from the plate list, when it's cleared that plate will not be returned to the plate list (as it would be when deleting a nest).

CAD Import: Recent Places

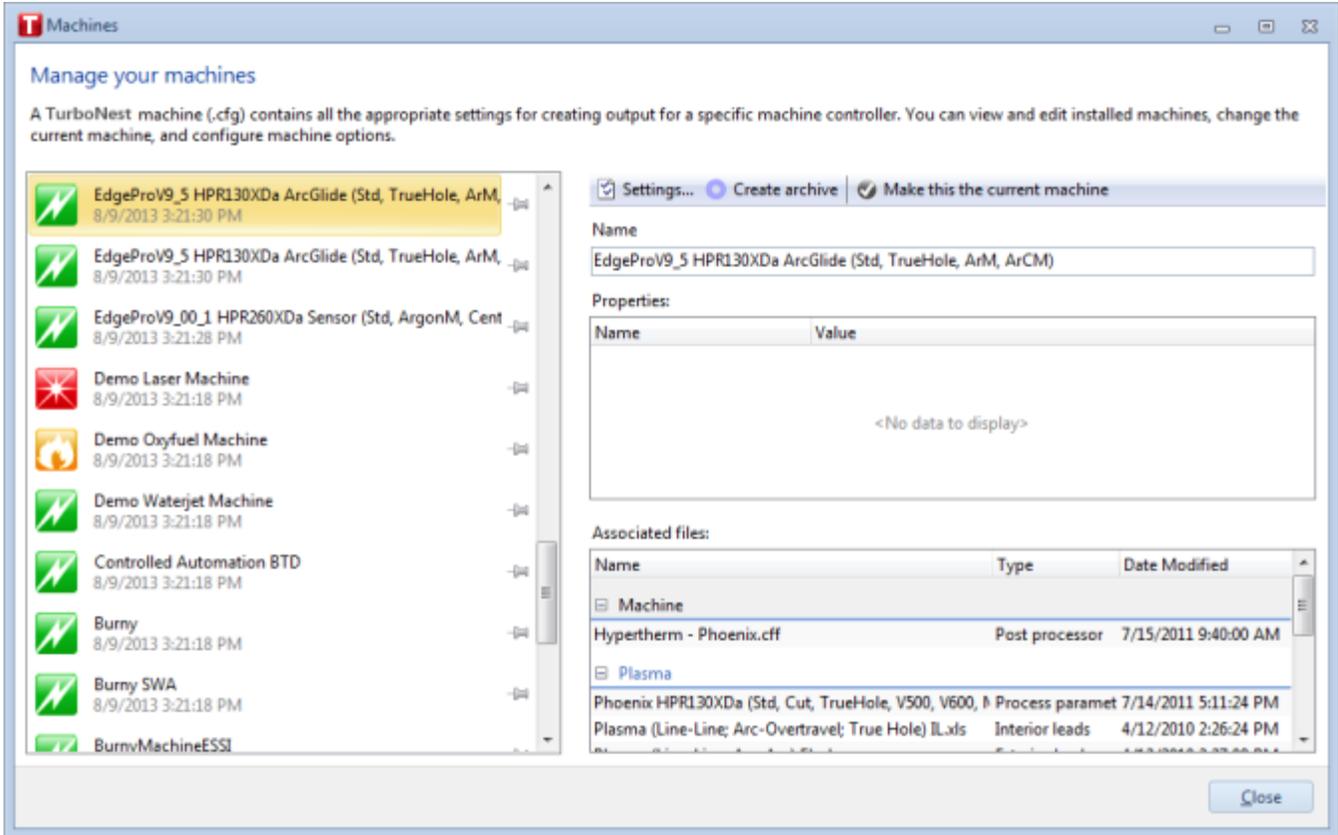
A new button on the CAD tab of the Edit Part List shows recent folders that CAD files were added from. This can help you quickly find frequently used folders when adding parts.



Machine Manager

For users that have several TurboNest machines (setups) installed, a new Machine Manager dialog provides a central place where you can:

- View properties and associated files for installed machines
- Edit any machine's settings
- Change machines
- Copy, rename, or delete machines

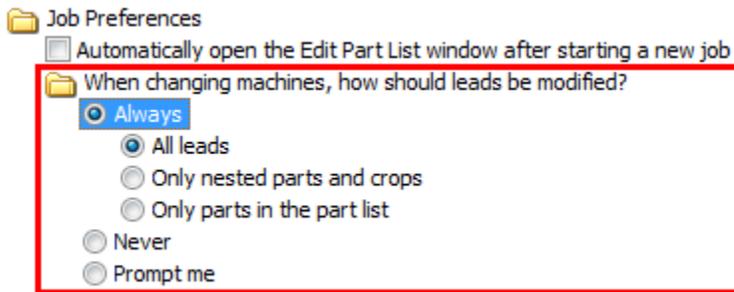


Shortcuts

Extensive keyboard shortcuts and keytips (visible by pressing the Alt key) are now available in major areas in the application.

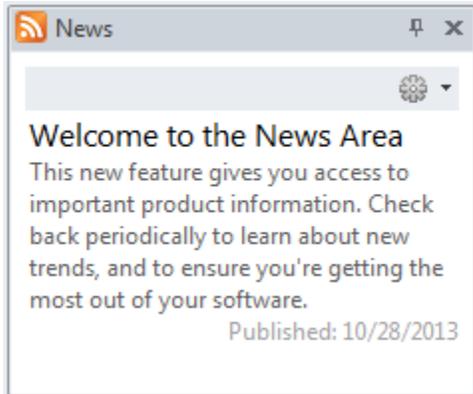
Preferences: Reapplying Leads

Using a new preference, you can set a default for modifying leads when changing *machines*. This eliminates the need to make a selection each time you change the machine for a job.



News Feed in TurboNest

News related to TurboNest and Hypertherm CAD/CAM software is now available directly in TurboNest. A notification button on the status bar indicates when news is available and can be clicked to open a reading pane where you can browse articles.



Preferences: Size Format for Parts and Plates

You can now change how length and width dimensions for plates and parts are displayed in TurboNest. Using the new **Size format** preference (on the Regional page), part and plate dimensions can be shown as either "Length × Width" or "Width × Length".

For instance, a plate with a Length of 96 in. and a Width of 48 in. can be shown as either "96 × 48" or "48 × 96" using this preference.

Customer Experience Improvement Program

The program collects information about how you use TurboNest. This helps Hypertherm identify which TurboNest features to improve. No information collected is used to identify or contact you. The CEIP program runs in the background as you use TurboNest, without interrupting you.

You can opt in to the improvement program using a new Privacy preferences page.

Ignore Row Column in Settings Spreadsheets

A new column called "Ignore" can now be used in settings spreadsheets. When any non-blank value is entered, TurboNest will ignore that row. The major benefit of this is to hide materials that aren't used from view, making material lists throughout TurboNest simpler to use.

AutoNest: Fill Interiors First

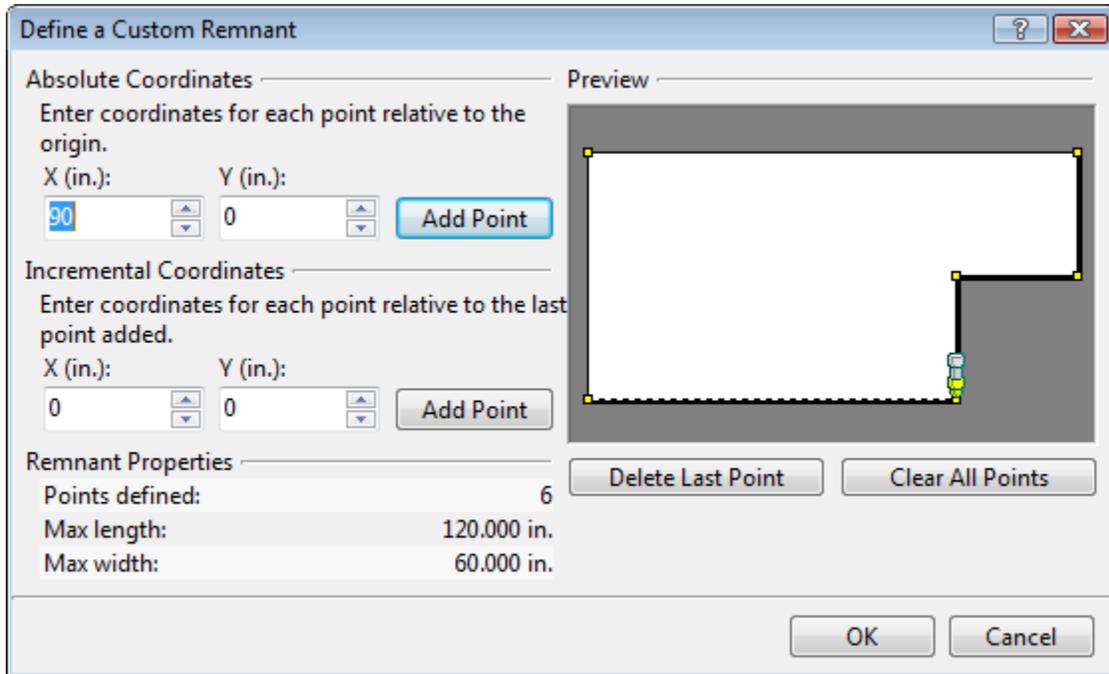
During automatic nesting, TurboNest will attempt to nest smaller parts inside the interior profiles of larger nested parts before filling other areas of the nest. This can be useful if your parts contain large cut-outs that can be nested on.

Mirroring Error Message Preference

Using a new preference, you can elect to show or hide the "Part violates its mirror property" error message that is displayed when a part is nested in violation of its Mirror value (Never or Always).

Modules and Standard Features

- Custom Remnants** is now a standard feature. With Custom Remnants, you can enter the dimensions of an irregular plate or remnant and then nest on that plate.



- Advanced Common Line Cutting (CLC)** is now included with the basic Common Line Cutting module. Common line cutting at the most advanced level allows any combination of parts to share common lines with one another part or with the plate edge.

